

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase of:

Applicant: Kwang-Leong Choy et al.

Appln. No.: PCT/GB99/02413

Filing Date: July 26, 1999

Title: THERMAL BARRIER COATING WITH THERMOLUMINESCENT  
INDICATOR MATERIAL EMBEDDED THEREIN

Docket No.: FRYHP0102US

*Pre amend  
7/1/02  
4-25-02*

PRELIMINARY AMENDMENT DELETING MULTIPLE DEPENDENCIES

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend the application in the below indicated manner.<sup>1</sup> The Commissioner is hereby authorized to charge any extra claim fees to Deposit Account No. 18-0988 under the above set forth Docket Number.

**In the Claims:**

Please amend Claims 3, 5-7, 9-12, and 19 as follows:

*Sub B)*  
3. A component according to claim 1, wherein the indicator material has an optical emission spectrum which varies in response to a physical parameter of the components.

*A1*  
5. A component according to claim 1, wherein the refractory material is selected from the group consisting of yttria stabilised zirconia, yttria partially stabilised zirconia, and yttria aluminium garnet.

*Sub B1*  
<sup>1</sup> The change(s) to the specification and/or claims are shown by underscoring and bracketing in the marked-up version attached hereto as an Appendix.